



### COVER SHEET

THIS COVER SHEET IS TO INFORM YOU THAT THE ATTACHED MATERIAL CONTAINS INFORMATION RELATING TO A PATEN APPLICATION UNDER A "SECRECY ORDER" ISSUED BY THE UNITED STATES PATENT AND TRADEMARK OFFICE AFTER DETERMINATION BY A DEFENSE AGENCY THAT THE PUBLICATION OR DISCLOSURE THEREOF WOULD BE DETRIMENTAL TO THE NATIONAL SECURITY. SEE 35 U.S.C. (1952) 181-187.

IN VIEW OF THE ABOVE DETERMINATION THIS MATERIAL AFFECTS THE NATIONAL DEFENSE WITHIN THE MEANING OF THE ESPIONAGE LAWS TITLE 13 U.S.C., SECTION 793 AND 794. ITS TRANSMISSION OR REVELATION IN ANY MANNER TO AN UNAUTHORIZED PERSON IS FURTHER PROHIBITED BY THIS LAW.

IN FORWARDING TO THE PATENT AND TRADEMARK OFFICE ANY PAPERS, SUCH AS APPEAL BRIEFS OR AMENDMENTS, WHICH DISCLOSE SIGNIFICANT PORTIONS OF AN APPLICATION SUBJECT TO A SECRECY ORDER, CAUTION SHOULD BE USED TO PROTECT SUCH PAPERS FROM UNAUTHORIZED DISCLOSURE DURING TRANSMISSION.

IN ORDER TO AVOID UNNECESSARY HANDLING UPON RECEIPT, THESE PAPERS SHOULD BE TRANSMITTED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS BEEN INDICATED "PATENT AND TRADEMARK OFFICE SECRECY ORDER" OR "ATTENTION OF LICENSING AND REVIEW". PERSONAL DELIVERY SHOULD BE DIRECTED TO LICENSING AND REVIEW, CRYSTAL PLAZA BLDG. 3, ROOM 11-C17, 2021 JEFF. DAVIS HWY., ARLINGTON, VA 22202

# DOCUMENT RECEIPT AND DESTRUCTION CERTIFICATE

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TRADEMARKS  
BOX NON-FEE AMENDMENTS  
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2. FROM:  
ESC/JAZ  
40 WRIGHT STREET BLDG 1120  
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3. DATE  
24 Jul 00  
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5. DESCRIPTION OF DOCUMENT(S): (Indicate overall classification, originator, type (letter, message, plan, etc.), date, unclassified subject title, number of copies, and originator control number and copy number if Top Secret. Also use these data elements for identifying any attachments that would require a receipt if transmitted separately.)

ESC/JAZ Amendment Transmittal Ltr dtd 20 Jul 2000 (U) (2pp) w/1 Atch  
Atch 1 Amendment (U) (3pp) Application Serial No. 09/147,649 -David L. Vititoe, Inventor  
ESC/JAZ Amendment Transmittal Ltr dtd 20 Jul 2000 (U) (2pp) w/1 Atch  
Atch 1 Amendment (U) (2pp) Application Serial No. 09/137,868 - Clark L. Allred, Inventor

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I ACKNOWLEDGE RECEIPT OF THE ABOVE DOCUMENTS

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GAU 3662

ATTORNEY'S DOCKET NO

AMENDMENT TRANSMITTAL LETTER

AFB00420

SERIAL NO.  
09/137,868

FILING DATE  
14 August 1998

EXAMINER  
M. Hellner

GROUP ART UNIT  
3662

INVENTION:

**ALGORITHM FOR RAPID ENDMEMBERS DETERMINATION (ALRED) IN HYPERSPECTRAL DATA**

INVENTOR(S):

Clark L. Allred

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is an Amendment

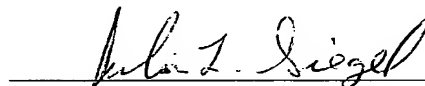
- ☐ Small entity status of this application under 37 CFR 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below

		(1)	(2)	(3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT OR FEE	RATE	ADDIT FEE
TOTAL	*	MINUS	**		x\$11=	\$	x\$22	\$
INDEP	*	MINUS	***		x\$40=	\$	x\$80=	\$
FIRST PRESENTATION OF MULTIPLE DEP CLAIMS					x\$130	\$	x\$260=	\$
TOTAL ADDIT. FEE						\$ OR	TOTAL	\$

- \* If the entry in Col 1 is less than the entry in Col 3 write "0" in Col 3
- \*\* If the Highest No Previously Paid for "IN THIS SPACE" is less than 30 enter "30"
- \*\*\* If the Highest No Previously Paid for "IN THIS SPACE" is less than 3, enter 3
- The Highest No Previously Paid For" (Total or Indep 1 is the highest number found in the appropriate box in Col 1

- ☐ Please charge my Deposit Account No. AF 01-0465 in the amount of \$ \_\_\_\_\_.
- ☒ A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No AF 01-0465.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under CFR 1.17.

20 July 2000  
Date

  
JULIAN L. SIEGEL  
Registration No. 22,407  
Intellectual Property Division